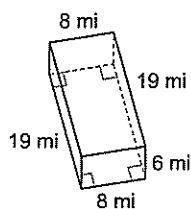


HW146 - Surface Area & Volume QUIZ Review

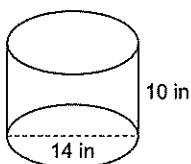
Date _____ Period _____

Find the volume of each figure.

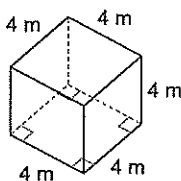
1)

**Find the volume of each figure. Leave your answers in terms of π .**

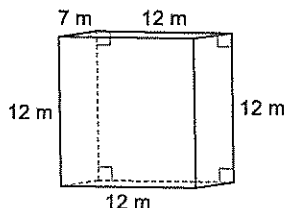
2)

**Find the surface area of each figure.**

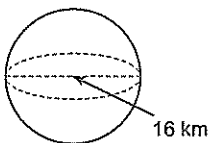
3)



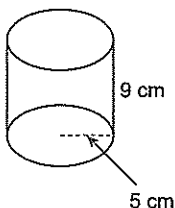
4)

**Find the surface area of each figure. Leave your answers in terms of π .**

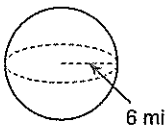
5)



6)

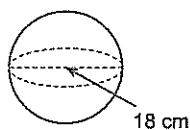
**Find the volume of each figure. Leave your answers in terms of π .**

7)



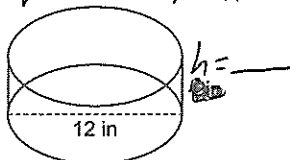
If the sphere below was cut into a HEMISPHERE, find the surface area of the hemisphere.
Leave your answers in terms of π .

8)

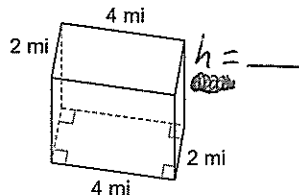


Given the volume of the shape below, find the missing side length.

9) $V = 144\pi \text{ in}^3$

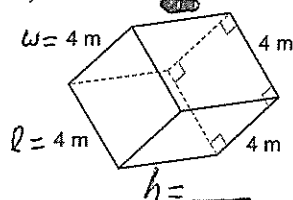


10) $V = 48 \text{ m}^3$

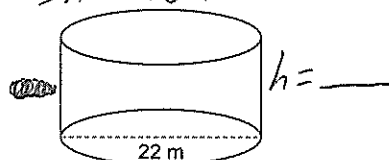


Given the surface area of the shape below, find the missing side length.

11) $SA = 128 \text{ m}^2$



12) $SA = 484\pi \text{ m}^2$



Formulas! Learn Them!

	VOLUME	SURFACE AREA
Cube		
Rectangular Prism		
Right Cylinder		
Sphere		
Hemisphere		